

BAPPrecision

S Series

USER MANUAL

Rugged Portable Solutions

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Chapter 1

Getting Started

This chapter covers the hardware components of the device.

Identifying Hardware Components

Front



Ref	Component	Description
❶	LED Indicator	Blinking Green displays charging battery
		Solid Green displays full battery
		Blinking Red displays low battery
		Solid Red displays faulty battery
		Alternating Green and Amber displays charging battery with Windows notifications
		Alternating Red and Amber displays low battery with Windows notifications
		Alternating Amber and Green displays full battery with Windows notifications
		Alternating Amber and Red displays faulty battery with Windows notifications
❷	Touch Screen	Video display that responds to finger taps and gestures
❸	Power Button	Turns on or off your device.
❹	Microphone	Voice recorder
		Also used for cell phone functions (select models only).
❺	Reset	Resets the device
❻	Keypad	See “Keypad” section for details

Keypad



Ref	Component	Description
①	Left/Right Soft Key	Selects screen commands.
②		
③	Home	Returns to Home screen
④	Message	Composes and Sends messages
⑤	Start Menu	Opens Start Menu
⑥	Power Button	Turns device on and off
⑦	Navigation Button	Navigates options in 4 directions. Center button selects option.

Back /Sides



Ref	Component	Description
❶	Camera	Takes pictures and records video
❷	Speaker	Plays music, sounds and voices.
❸	Battery Cover	Covers and protects battery
❹	Release button	Detaches battery cover

⑤	Stylus	Used to input information and select options on the touch screen
⑥	Lanyard hole	Used to attach hand string
⑦	Camera button	Press to take a photo
⑧	External GPS Antenna	Allows for use of optional external antenna. Antenna may be placed on top of a vehicle/building to gain greater reception.

Bottom



Ref	Component	Description
①	Headphone Connector	Allows for stereo headphones connection
②	USB OTG (Host & Client) Connector	Allows for USB connection
③	Power Connector	Allows for battery charging through an AC adapter

Getting Your Device Ready for Use

Installing the Battery and SIM Card (Select models only)

1. Detach the battery cover from the device.



2. If your model has the phone function, you need to install the SIM card provided by your mobile operator and insert the card all the way into the slot then push to lock.



NOTE:

To remove the SIM card, push to open then pull the card out of the slot.

3. To install the battery, attach the connector side of the battery to the unit then push to engage the connector.



4. Attach the battery cover to the device.

Connecting to AC Power and Charging the Battery

Note:

Charge the battery to full before using the device for the first time.

1. Connect the converter to the AC charger.
2. Connect the DC end of the AC adapter to your device and the other end to an outlet.
3. The LED indicator will blink green when the battery is charging.

Do not disconnect your device from AC power until the battery is fully charged. This may take a couple of hours.

Note:

For optimal lithium battery performance, adhere to the following:

- Only use the included AC adapter.
- The lithium battery does NOT need to be fully discharged before next charging.
- Do NOT charge the battery in high temperatures (i.e. direct sunlight)
- The battery MUST be fully charged at least once every two weeks even if the device is not in use. Over-discharge of the battery creates negative battery performance.
- The battery may also be charged if the device is connected via USB to a computer.

Performing the Initial Startup

When the device is turned on for the first time, an initial startup process will begin.

1. Connect the device to AC power or make sure the battery has a full charge.

2. Turn on the device by pressing the Power button.
3. Select the language you prefer to use.
4. Follow the Setup Wizard's on screen instructions.
5. Use the following steps for devices with phone functions: (Select models only)

If a SIM card has been inserted and the mobile phone network operator (or you) has set the PIN, you will be prompted to enter the PIN.
6. Once Setup is complete, the Home screen will appear. The device is ready for use.

Synchronizing with Your Computer

Your device can connect and synchronize data with a Windows-based computer through ActiveSync and Windows Mobile Device Center (WMDC). ActiveSync is compatible with Windows XP. WMDC is only compatible with Windows Vista or Windows 7.

ActiveSync and WMDC act as gateways between your device and your computer. They allow for transferring Outlook e-mail, appointments, contacts, and tasks, and media such as pictures, music, and videos. Also, the Explore feature in either program can move files or programs from your computer to your device.

Installing ActiveSync or WMDC

For Windows XP, download and install ActiveSync.

For Windows Vista or Windows 7, download and install Windows Mobile Device Center.

(Visit the Microsoft website to download the program and to obtain operating instructions. <http://www.microsoft.com>)

NOTE:

- Before installation, make sure Microsoft Outlook is installed on your computer.
- Install ActiveSync or Windows Mobile Device Center **BEFORE** connecting your device.
- ActiveSync connection problems may occur in some cases. Likely causes include interoperability with firewall applications or network management applications. For troubleshooting information, visit the Microsoft web site. <http://www.microsoft.com>

After software installation is complete, connect your device to your computer via the USB cable. The device is ready to be synchronized.



Using Options

Using micro SD Card

The device supports micro Secure Digital (micro SD). Use the following steps to insert a micro SD card:

1. Detach the battery cover from the device.

2. Remove the battery.
3. Insert the card into the slot.



4. Install the battery before attach the battery cover to the device.

NOTE:

- Keep slot free of debris.
- Store micro SD card in a protected box to avoid heat, dust, and humidity.

Chapter 2

Basic Skills

This chapter covers the basic operations of the device.

Power Saving and Turning Off

Backlight Off

The touch screen's backlight dims after inactivity. By default, the touch screen will dim after 30 seconds of inactivity on battery power. The touch screen will dim after 1 minute of inactivity while connected on AC power.

To restore the backlight, tap the touch screen or press any button.

Suspend Mode

The device sets itself into suspend mode after inactivity. By default, the device will set itself into suspend mode after 3 minutes of inactivity on battery power. The device will set itself into suspend mode after 5 minutes while connected on AC power.

To manually set the device into suspend mode, briefly press the power button.

NOTE:

For models that include phone function, the Mobile Phone Indicator will continue to flash even while the device is in suspend mode. Any incoming call will resume operation of the device.

To resume operation, press the power button.

Turning Off

To turn off the device, hold down the power button. The device will play a 3 second countdown notification and turn off.

Navigating on the Screen

Stylus

Use the stylus to navigate the touch screen.

The stylus is stored in the side slot. Remove it for use.

- **Tap**
To open items and select options, touch the screen once with the stylus.
- **Drag**
To drag text and images across the screen, tap, hold, and drag text or image. Lists and multiple items can also be selected and dragged.
- **Tap and hold**
Tap and hold the stylus on an item to view a shortcut menu of available options. From the shortcut menu, select preferred option.



Navigation Button

The navigation button can also be used to navigate the screen.


Home Screen

When the device is turned on, the default screen is the Home screen. The Home screen can be accessed by tapping  and then **Home**.

The Home screen displays upcoming appointments, active tasks, e-mail messages and notifications, and more. If a section of the Home screen is tapped, the associated program will open.



Landscape View

To view the device in landscape view, tap  → **Settings** → **System** → **Screen** → **General** → **Landscape** or **Portrait**.

Navigation Bar and Toolbar

The navigation bar is located at the top of the screen. It displays active programs and tools such as, volume, battery, time, connectivity, and more.

Tap the navigation bar to set up related items.

The navigation bar:




The toolbar is located at the bottom of the screen. The toolbar includes options such as an input panel and the Menu button.

An example of the toolbar:



Programs


To switch from one program to another without closing other programs, tap  to open the Start menu. All available programs can be accessed through the Start menu.

Notifications

The device has a variety of reminder notifications, such as Calendar appointments, Tasks, alarm clock, etc. Notifications types include the following:

- A screen message

- A sound, which can be changed or specified.
- The notification indicator flashes in amber.

To specify and choose reminder types and sounds, tap  → **Settings** → **Sounds & Notifications**.

Entering Information


There are several options for inputting new information. Options include the following:

- Enter text in the Input panel. Text can be entered by using the on-screen keyboard or other input methods.
- Write directly on the screen.
- Draw pictures, diagrams, charts, etc. on the screen.
- Record a message using the microphone.

Entering Text Using the Input Panel

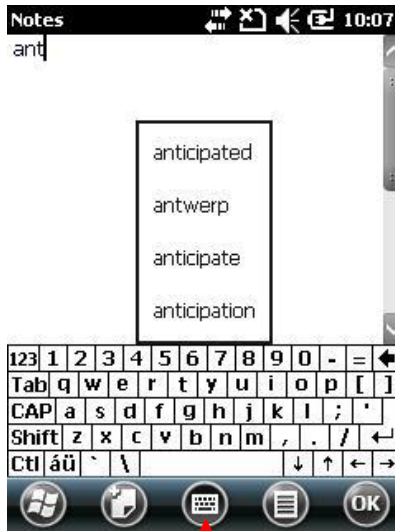
Information can be entered by using the Input panel. Text can be entered by using the on-screen keyboard or by using the handwriting recognizer.

To show or hide the Input panel, tap the . The soft keyboard appears by default.

To change input modes, tap and hold  and select preferred mode from the popup menu.

When using the Input panel, the device auto-detects words that are being typed.

Tap on the displayed word to insert it. The device will learn to anticipate more words through usage.



Input Panel

Recognizer

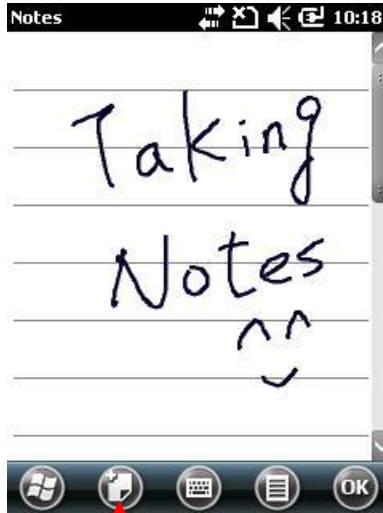
Texts can be entered using the stylus with the recognizer.

When a letter is written into the recognizer, it is converted into typed text onto the screen. Specific instructions on using the recognizer can be accessed by tapping the question mark located next to the writing area.

Writing on the Screen

In programs that accept writing, such as Notes, a stylus can be used to write onto the screen. Writing can be edited and formatted into text later.


To write on the screen, tap  → **Draw** to switch to drawing mode.



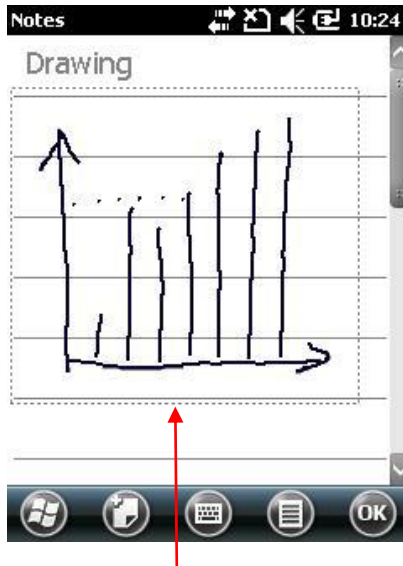
New note

Drawing on the Screen

Pictures, diagrams, charts, etc. can be drawn onto the screen in the same manner as writing.

1. Tap  → **Draw** to enter drawing mode.
2. To draw, cross 3 ruled lines on the first stroke. A drawing box appears.
3. Subsequent strokes in or touching the drawing box become part of the drawing.

Drawings that do not cross three ruled lines will be treated as writing.







Drawing Box

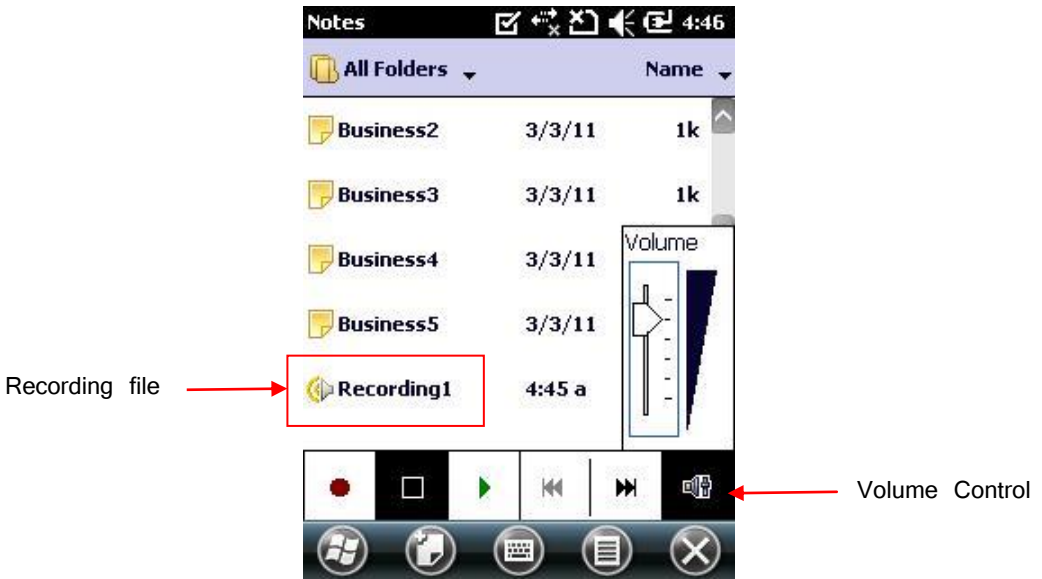
Recording a Message

The device can record messages for reminders, phone numbers, thoughts, etc. In the Notes program, a stand-alone recording can be created with the note.

To create a recording:

1. Tap  → **Notes** to open the program.
2. Tap  → **View Recording Toolbar** to view the Recording toolbar.
3. Place the device's microphone near your mouth or the source of the sound.
4. Tap the  Record button on the Recording toolbar to begin recording.
5. To stop recording, tap the  Stop button on the Recording toolbar. The new recording will appear in the note list or as an embedded icon.

To play a recording, select the recording in the list or tap its icon in the note.



Securing Your Device

Locking Your Device

The device can be locked when not in usage. Locking the device prevents accidental operation of the touchpad or keypad.

To lock the device: tap **Device unlocked** on the Home screen.


To unlock the device: tap **Unlock** → **Unlock**.



Unlock Device

Securing Your Device with a Password

To keep data secure, a password can be assigned to be inputted each time the device is turned on.

1. Tap  → **Settings** → **Lock**.
2. Tap to select **Prompt if phone unused for**. In the box to the right, select a desired period of time.
3. Select the password type.
4. Enter desired password. Confirm the password.
5. Tap **ok** to save the settings.

The next time the device is turned on, a password will be needed to login. The password also needs to be entered on the computer for an ActiveSync connection.

NOTE:

If the password is forgotten, the memory must be cleared before accessing the device.

Chapter 3

Using the Phone (Select Models Only)

This chapter describes the mobile phone functions of the device.

About Your Phone

Select models are equipped with the HSDPA (High-Speed Downlink Packet Access) module. HSDPA is an enhanced 3G (third generation) mobile telephony communications protocol. It can operate on 850/900/1800/1900/2100MHz.

To use the phone, set up an account with a mobile phone network service provider. Available functions, services, and features depends on your mobile phone network service provider.

A SIM card is required for mobile phone features and wireless data services to operate. A SIM card will be provided by your mobile phone network service provider. The card contains details of your mobile phone account, contacts, and any other additional subscribed services.

See “Installing the Battery and SIM Card” section in Chapter 1 for installation

instructions of the SIM card.

Switching On or Off the Phone

By default, the mobile phone function is turned on when the device is turned on. Mobile phone functions can be turned off without turning off the device, such as Airplane mode.

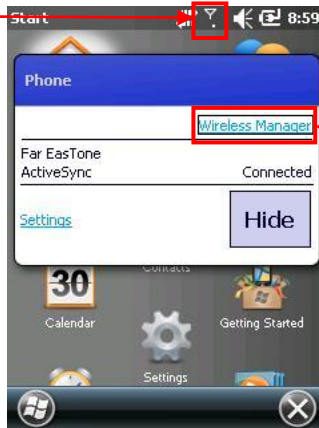
1. Tap the Wireless Manager section on the Home screen.



– or –

Tap the connectivity indicator on the navigation bar and tap **Wireless Manager**.

Click here



Wireless
Manager

2. The Wireless Manager screen appears.

Tap **Phone** to switch it from on to off or the other way around. Tap **Done**.


3. When the phone is turned on, a PIN (Personal Identification Number) will be requested if it has been set.

The device will search for the mobile phone network service. It will display the name in the Wireless Manager section on the Home screen.

When the mobile phone functions are turned off, the Wireless Manager section on the Home screen displays **Phone off**.

Starting the Phone Program






Use any of the following to start the Phone program:






- Tap **Phone** on the Home screen.
- Tap  → **Phone**.




When Phone is started, the Phone screen shows the soft keypad. Tap left soft key to hide keypad.



Phone Status Icons

Phone function status is displayed by icon on the navigation bar. Icon descriptions are listed below:

Icon	Meaning
	Phone off
	Signal strength
	Call in progress
	Missed call
	Call on hold

Icon	Meaning
	EDGE in use
	WCDMA/UMTS available
	WCDMA/UMTS in use
	HSPA available
	HSPA in use

Icon	Meaning
	GPRS available
	GPRS in use
	EDGE available

Icon	Meaning
	New message
	Missing SIM card

Making a Call

Calls can be made in several ways.

Dialing a Call

1. In the Home screen:

Press the left soft key on the device to enter a phone number.

In the Phone program:

Enter the phone number using the onscreen keypad.

- As a phone number is being entered, the phone will search Contacts, Call History, and Speed Dial to find matching names/numbers. Matching names/numbers can be selected and dialed.

Alternatively, the number can be entered completely.

- Press the **Talk** to make the call.

NOTE:

- Use the Backspace key to erase numbers one at a time.
- When making an international call, tap and hold number key 0. The + sign will appear. The + sign replaces the international prefix of the origin country.

Making a Call from the Onscreen List

When the Phone program is started, the screen lists all recent calls, speed dials, and contacts.

Select any number/contact from the list to make a call. Press the **Talk**.

NOTE:

To view a different list on the Phone screen, tap **Menu** → **View** and select one of the options.

Making a Call from Contacts

Microsoft Contacts displays contact information stored both the device's memory and on the SIM card. (See Chapter 5 for detailed information on Contacts.)

1. Start the Contacts program.
2. Use one of the following methods to call a person in the contact list:
 - Tap a contact to call. Then tap **Call** or press the left soft key to call.
 - Tap and hold on a contact to call, and then tap the number to call in the shortcut menu.

Making a Call from the Call History List

The Call History displays calls made, received or missed.

1. In the Phone program, tap **Call History**.

If the keypad is hidden, tap **Keypad** to see the **Call History** key.



2. Use one of the followings to call a person in the Call History list:

- Select the number to call and then press left soft key on the device or tap to **Call**.
- Tap and hold on the number to call and then tap **Call** in the shortcut menu.

Making a Call from Speed Dial

If speed dial entries have been created, a call to the contact can be quickly made.

On the Home screen or in the Phone program, press and hold the assigned speed dial number to make a call.



Responding to a Call


Depending on the current settings, the device will either ring or vibrate when an incoming call is received. A pop-up window will also display the caller's name and number. If the caller is unknown, then only the phone number will be displayed.

Answering a Call

To answer an incoming call, press  or tap left soft key to answer.



Rejecting a Call


To decline an incoming call, press  or tap right soft key.

Ending a Call

To end a call, tap **End**.

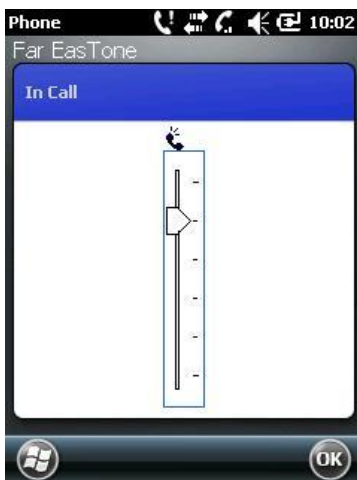
Operations during a Call

Adjusting the Phone Volume

To adjust the volume during a call, tap the  icon on the navigation bar and select the desired volume level.


Note:

High volume level settings with the use of headphones or ear buds can cause damage to hearing.



Using the Mute Function

A call can be muted (the device's microphone is silenced, but the caller can still be heard).

To enable the mute function, tap **Mute** on the soft keyboard. The icon  will appear on the upper-right corner. To disable the mute function, tap **Unmute**.

Using the Speakerphone

The speakerphone can be used for hands-free operation.

To enable the speakerphone, tap **Speaker On** on the soft keyboard. The icon  will appear on the navigation bar. To disable the speakerphone, tap **Speaker Off**.



Managing More Than One Call

NOTE:

Call Waiting is a feature that depends on the mobile phone network service. The device may need to be registered to enable this feature. The number of simultaneous calls depends on the mobile phone network service.

A second mobile call can be made or taken during a current mobile call. The calls can be swapped or be made into a conference.

Holding a Call to Take a Second Call

1. A pop-up window will appear when another incoming call is received.
2. To place the current call on hold and receive the second call, tap .
3. To end the second call and return to the first call, tap .


Rejecting the Second Call

To reject the second call and to continue with the current call, tap **Ignore**. Be careful not to tap **End**; doing so will end the current call.




NOTE:

Be careful not to tap **End**. Tapping **End** will end the current call.

Placing a Call on Hold to Make a Second Call

1. Place the first call on hold by tapping **Hold**.
2. Dial a second number or the contact's name. Press the left soft key.
3. To end the second call and go back to the first call, tap .

Setting up a Conference Call

1. To make a conference with two current calls (one call is on hold and one call is active), tap  → **Conference**.
2. To add additional calls to the conference, tap **Hold**. Dial a second number and press the . When the call connects, tap  → **Conference**.

NOTE:

Availability of the Conference Call feature is dependent on the mobile phone network service.


Taking a Note during a Call

Notes can be taken during a call.


1. Tap **Note**.
2. Take the note and tap **ok**.

To access a note during a call:

1. In the Phone program, tap **Call History**.

2. The  icon indicates that the phone call entry contains a note. Tap and hold the name or number for that entry, and tap **View Note** in the shortcut menu.


NOTE:




Notes in the Call folder can also be accessed by tapping  → **Programs** → **Notes**.

Using Call History

A summary of all calls and their details (incoming, outgoing, missing, duration, etc.) is provided in Call History. To access Call History in the Phone program, tap **Call History**.

Viewing Call History

Tap  → **Filter** to change the Call History view (**All Calls** displays by default).

- **All Calls**: Displays all calls in chronological order.
- **Missed** (): Displays unanswered calls.
- **Outgoing** (): Displays calls made from the device.
- **Incoming** (): Displays calls to the device.



To view the details of a call, tap the item on the list.

To clear all items on the list, tap  → **Delete All Calls**.

Adding an Entry to Contacts Using Call History

A phone number can be added into the Call History in Outlook Contacts or SIM Contact.


1. Tap and hold an entry to transfer, and tap **Save to Contacts** in the shortcut menu.
2. Tap **<New Contact>** and select a contact type. (Outlook Contact or SIM Contact)
3. Enter the contact's name, and select the proper number type.
4. Tap **OK**.

Using Speed Dial

Speed Dials can be created for quick access to frequently called phone numbers. Speed Dials only require pressing a single key.

Creating a Speed Dial Entry

Speed dials can be created for numbers in Contacts.


1. In the Phone program, tap **Speed Dial**.
2. Tap  → **New**.
3. Select the desired contact.
4. In **Name**, accept the current name or change it.
5. In **Number**, select the desired phone number.
6. If **Location**, accept the current speed dial number or change it.
7. Tap **ok** to save the setting.

The entry is now in the Speed Dial list. The letter on the lower-right corner of the entry shows the assigned phone number, i.e. “m” refers to a mobile number.

NOTE:

Voice mail is reserved for the first Speed Dial.

Editing or Deleting a Speed Dial Entry

1. In the Phone program, tap **Speed Dial**.
2. Tap the desired entry and tap  or press left soft key to delete.
 - Alternatively –

Tap and hold on the desired entry, and tap **Delete** in the shortcut menu.

3. Tap **Yes** to confirm.

Changing the settings of Your Phone

Phone settings can be customized in the Phone program by tapping  → **Options**.

Changing Phone Settings

Customizable options include ring type, ring tone, keypad tone, and more.

NOTE: Custom .mp3, .wav, or .mid files can be used as ring tones. Copy the files to the \Application Data\Sounds folder or to the inserted storage card. Select the file from the Ring Tone list to set it.



Changing Security Settings

The device can be protected from unauthorized usage.

Tap the **Security** tab.

A PIN2 code may be required for specific functions (such as pre-paid services). Support for PIN2 functions is dependent on mobile phone network service and SIM card.

NOTE:

Emergency calls can be made at any time without a PIN code.

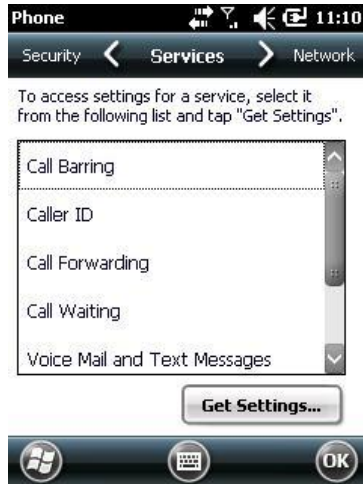


Changing Services Settings

Tap the **Services** tab.

Settings for subscribed phone services can be accessed and configured through the mobile phone network service. Services may include call blocking, call forwarding, incoming call notifications, caller ID, etc. Available services are dependent on mobile phone network service subscription.

To view your services settings, tap a service and then tap **Get Settings**.



Changing Network Settings

Tap the **Network** tab.

Available wireless networks can be viewed by the device. Network access order can be set in the case one network is unavailable. Network settings can be changed manually or automatically.

The current network will be active unless it is manually changed, the signal is lost, or the SIM is changed.




Additional Phone Operations

Using Text Messages

Text messages are automatically received when the device is on. The Home screen displays new text messages. Tap the section to open the text message list.

To send a text message, do one of the followings:

- Type or select a phone number or contact. Tap  then select **Send Text Message** from the shortcut menu or soft key.
- Start the Messaging program. Then select the phone number or contact.

Setting up an Internet Connection

An Internet connection using the mobile network can be set up. See Chapter 7 for more information.

Checking Your Voice Mail

Voice Mail is defaulted as the first position on the Speed Dial list. When a SIM card is inserted, the device automatically detects the voice mailbox.

Making an Emergency Call

The device can dial the international emergency number 112. The international emergency number can often be used to make an emergency call in any country with or without an inserted SIM card as long as the device is within a mobile phone network.

Some mobile phone network services may require that a SIM card be inserted, or a PIN, or both.

Other emergency numbers may be available. Additional local emergency numbers may be provided by the mobile phone network service. These numbers are saved in the SIM card.

Dialing an International Call

When dialing a number manually, tap and hold the number key 0 (zero) until the + sign appears. The + sign replaces the international prefix of the country of origin.

Enter the full phone number including country code, area code (without the leading area code zero) and local phone number.

Chapter 4

Managing Your Device

This chapter describes how to manage power, settings, data and programs.

Managing Power

A fully charged battery should supply power for approximately 8 hours. Operation time will vary depending on usage of the device. Continuous multimedia operation or micro-SD card operation will decrease the battery's power supply.

Low Battery Signals and Actions

NOTE:



The battery should be charged for at least 30 minutes if the device displays a warning of low power. Failure to do so may result in insufficient battery power for operation.

Battery power can be monitored by tapping  → **Settings** → **System** → **Power**. The available remaining power is displayed on a status bar in the Power control panel.

When the battery is low, a warning message will pop up. As a precaution, all data should be saved and the battery should be recharged immediately via AC power or USB power. Failure to do so may result in data loss.

Power-Saving Tips


The following describes how to maximize the battery power and operation time.

- Set the device in suspended mode when not in use.
By default, the screen backlight will automatically dim and the device will go into suspended mode when it has been idle for a period of time. The idle time required before the device goes into suspended mode can be adjusted by tapping  → **Settings** → **System** → **Power** → **Advanced**.
The device can also be set into suspended mode by pressing the power button.
- Disable unneeded functions and features.
 - Decrease the volume.
 - Disable unused or unnecessary sounds and lights. Keep only the most necessary notifications. These settings can be adjusted by tapping  → **Settings** → **Sounds & Notifications**.
- Avoid power-consuming operations such as:
 - Using a modem or other peripheral
 - Multimedia playback and recording
 - Using or monitoring wireless network signals

Customizing Your Device

NOTE:

Incorrect settings may cause malfunction. Care should be taken when adjusting settings.

You can customize the settings of the device to your own preferences. Tap  → **Settings**. The items you can customize are described as follows:

Items	Description
Bluetooth	To set up or change the Bluetooth connection.
Clock & Alarms	To change the time, date, and alarms.
Home	To select the information, theme, and background to be displayed on the Home screen.
Lock	To set a security password.
Sounds & Notifications	To change the settings for the system's sounds, volume, and notifications.
Connections	Connections To set up or change connection information.
	Domain Enroll To connect the device with company resources. An enrollment password should be provided by the company's system administrator.
	Beam mode To enable to receive incoming files.
	USB to PC To adjust settings for the type of USB connection and to enable advanced network functionality.
	Wi-Fi To configure the wireless network module.
	Wireless Manager To change the Wi-Fi and Bluetooth radio status.


Personal	Buttons
	To assign hardware buttons to specific programs and to adjust sensitivity levels of the buttons, i.e. repetition rate of scroll.
	Owner Information
	To enter personal information.
System	Phone (Select models only)
	To set up Ring tone, type, Change PIN, Settings.
	About
	To show the hardware information and to define the device name for identifying itself to other computers.
	Backlight
	To adjust the brightness level and power saving options.
	Certificates
	To establish personal identification or the identification of other computers. Establishing a personal identification of the device and other computers prevents unauthorized users from accessing the device and information on the device.
	Customer Feedback
	To send personal feedback to Microsoft regarding the Windows Mobile software.
	Encryption
	To encrypt files on the storage card.
	Error Reporting
	To enable or disable error reporting to Windows Mobile technical support group.

	<p>External GPS</p> <p>To configure the GPS hardware settings.</p>
	<p>Managed Programs</p> <p>To show the installation history of managed programs.</p>
	<p>Memory</p> <p>To view the system memory or the memory of any installed storage card and to manually stop a program if it becomes unstable.</p>
	<p>Power</p> <p>To show the remaining battery power and to set battery power settings.</p>
	<p>Regional Settings</p> <p>To specify the region and the local number, currency, time, and date.</p>
	<p>Remove Programs</p> <p>To remove programs.</p>
	<p>Screen</p> <p>To set the orientation of the screen to portrait or landscape.</p> <p>To adjust the touch screen for accurate screen taps.</p> <p>To adjust the text size.</p>
	<p>System Information</p> <p>To view system information.</p>
	<p>Task Manager</p> <p>To view or perform task management of programs.</p>

Searching and Organizing Information

The Search feature on the device helps quickly locate information.

To search for a file, tap  → **Search Phone**. Enter the file name, select a data type, and tap **Search** to start the search.

File Explorer can also be used to find files on the device and to organize these files into folders. Tap  → **File Explorer**.

NOTE:

Files can be moved in File Explorer by tapping and holding the item. Tap **Cut** or **Copy** on the shortcut menu, browse to the new location, and then tap **Paste**.

Chapter 5

Microsoft Pocket Outlook

Microsoft Pocket Outlook includes Calendar, Contacts, Tasks, Notes, and Messaging. These programs can be used individually or together.

NOTE:

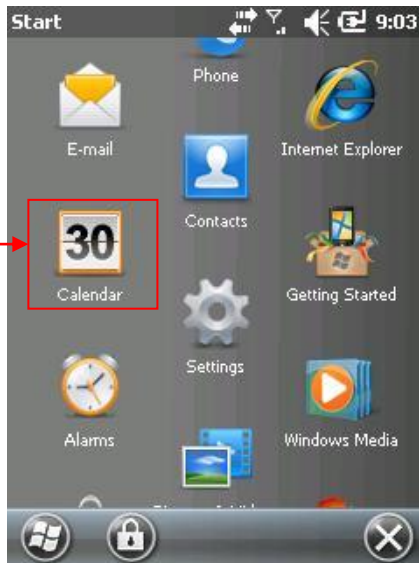
For detailed information on using Microsoft programs, tap  → **Help**.

Calendar: Scheduling Appointments and Meetings


Use Calendar to schedule appointments, including meetings and other events. Appointments can be viewed as Agenda, Day, Week, Month, or Year. Notifications can be set as reminders for appointments. Appointments can also be displayed on the Home screen.

Tap  → **Calendar** to access the program.

Tap to access



Creating an Appointment

1. In Day or Week view, tap the desired date and time for the appointment.
2. Tap  → **New Appointment**.
3. Using the Input panel, tap first to select the field, and then enter a description and a location.
4. If needed, tap the date and time to change them.
5. Enter other desired information. You will need to hide the Input panel to see all available fields.
6. Tap **ok** to save and return to Calendar.




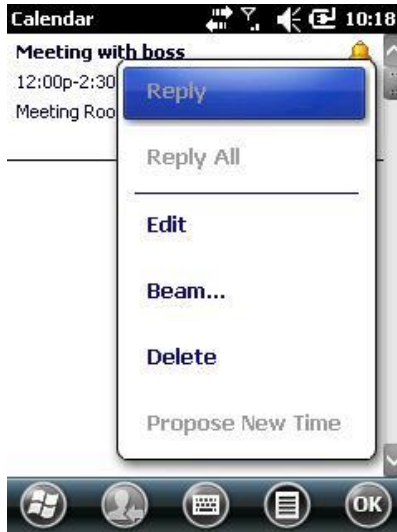
Tap to add new appointment



Using the Calendar Summary Screen

When you tap an appointment in Calendar, a summary screen is displayed.

To change the appointment, tap  → **Edit**.




Contacts: Tracking Friends and Colleagues


Contacts maintains a list of friends and colleagues.

Tap  → **Contacts** for access.

For models with the phone function, contacts stored in the SIM card also appear


in the list. They are indicated by the icon .

Creating a Contact

1. In Contacts, tap .
2. For models with the phone function: If the phone function is on, Outlook or SIM contact will be asked to be selected.
3. Using the Input panel, enter a contact's information. Scroll to view all available fields.
4. Tap **ok** to save and return to the contact list.

Using the Contacts Summary Screen

When a contact in the contact list is tapped, a summary screen is displayed.

To change the contact information, tap .

Tasks: Keeping a To Do List

Use Tasks to create a To-Do list. Tap  → **Tasks** to access the program.


Creating a Task

1. In Tasks, tap  → **New Task**.
2. Using the Input panel, enter a description.

3. Enter a start date and due date, or enter other information by first tapping the field. Hide the Input Panel to view all available fields.
4. Tap **ok** to save and return to the task list.



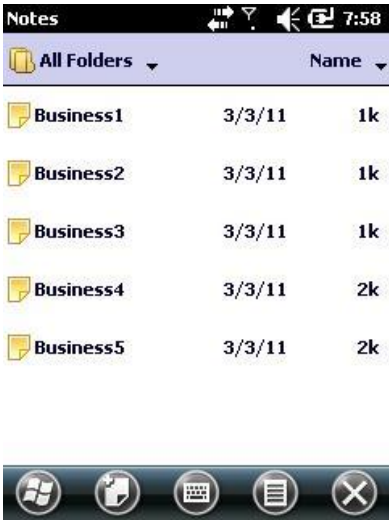
Using the Tasks Summary Screen

A summary of a task appears when it is tapped. To change the task, tap .


Notes: Capturing Thoughts and Ideas

Reminders, thoughts, idea, drawings, etc can be quickly jotted with Notes. A note can be a written note, an audio recording, or a written note with an audio recording.

Tap  → **Notes** to open the program.




Creating a Note

1. In Notes, tap .
2. Create a note by writing, drawing, typing, or recording.
3. Tap **ok** to save and return to the note list.

Email: Sending and Receiving Email Messages

The Email program can be used to send and receive email messages in two ways:

- Sync the device with Microsoft Exchange or Outlook on a computer.
- Connect directly to an email server through an Internet Service Provider (ISP) or a network.

Tap  → **Email** to access the program.

Synchronizing E-mail Messages

E-mail messages can be synchronized as part of the general synchronization process. Enable Inbox synchronization in ActiveSync/Windows Mobile Device Center. For information on enabling Inbox synchronization, see ActiveSync/Windows Mobile Device Center Help on the desktop computer.

Connecting Directly to an E-mail Server

Email messages can be sent and received by connecting to a POP3 or IMAP4 email server through an ISP or local area network. Multiple email services can be used

to receive messages. To use multiple email services, each email service needs to be set up and named.




Using the Message List

Received messages are displayed in the message list. Tap a message to open it.

By default, when the device is synchronized with a desktop computer or a server, only messages from the previous three days and only the first 2kb will be synced with the device. Attachments will not be synced with the device. The original messages will remain on the desktop computer.

Messages can be marked so that the device will retrieve the messages in full during the next synchronization or email server connection. To do so, tap and hold the desired message to retrieve from the message list. On the shortcut menu, tap Download Message. An icon will appear in the Inbox message list to display the message status.

Composing and Sending an E-mail

1. Select the account in E-mail..
2. In the message list, tap  → **New**.
3. In the **To** field, enter an email address of one or more recipients, separating them with a semicolon. If the address is already in the contact list, tap **To** to select the e-mail address.
4. Enter a message.
5. To check spelling, tap  → **Spell Check**.
6. To attach a file to the message, tap  → **Insert** and select the desired file.

7. Tap **Send** when complete. If working offline, the message is moved to the Outbox folder and is sent the next time the device is connected to a server or to a desktop computer. .

Messages in the Outbox folder will be delivered in one of two ways:

- The message is transferred to the Outbox folder in Exchange or Outlook upon next synchronization.
- The message is transferred to the email server upon connection.

Managing Email Messages and Folders

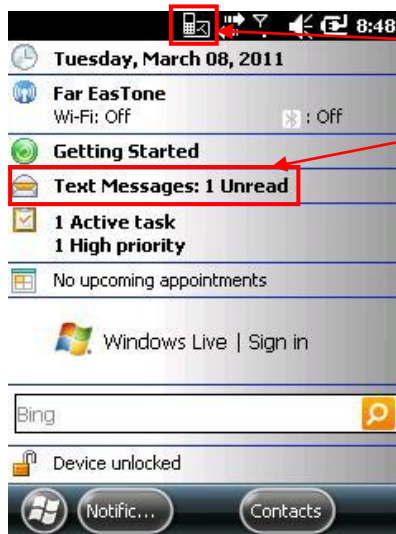
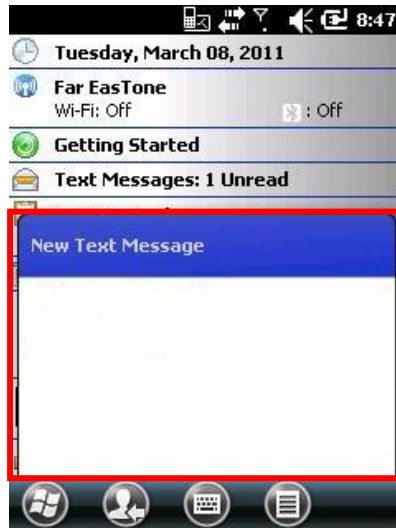
Each e-mail service account has its own folder hierarchy with five default folders: Inbox, Outbox, Deleted Items, Drafts and Sent Items. The messages received and sent through the mail service are stored in these folders. Additional folders can be

created within each hierarchy. To create folders, tap  → **Tools** → **Manage Folders**.

The Deleted Items folder contains messages that have been deleted on the device. The behavior of the Deleted and Sent Items folders depends on the chosen options.

Reading Text Messages (Select Models Only)

Text messages are automatically received when the phone is turned on. The Home screen displays any new messages. Tap the section to open the message list.



Composing and Sending a Text Message (Select Models Only)

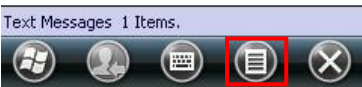


Tap to edit
Text

Tap  → **New.**



To create a new message, tap Menu,
then tap New.





Enter the phone number of one or more recipients, separating them with a semicolon. To select phone numbers from Contacts, tap **To**.

Chapter 6

More Programs

This chapter overviews other programs built into the device and how to use these programs.

NOTE:

For detailed information on using Microsoft programs, tap  → **Help**.

ActiveSync / WMDC

ActiveSync on the device works with ActiveSync on a Windows XP computer and with Windows Mobile Device Center on a Windows Vista/Windows 7 computer.

When a connection is established between the device and a computer, information can be synchronized on the device and the computer with ActiveSync or WMDC. Synchronization compares the data on both the device and the computer and updates both systems with the most recent information. For example:

- Outlook Contacts, Calendar and Tasks databases on the device can be kept up-to-date by synchronizing the device with Microsoft Outlook data on the computer.
- Synchronize email messages in the device Outlook Inbox with email messages in Microsoft Outlook on the computer.
- Synchronize Microsoft Word, Excel and PowerPoint files between the device and the computer. Files are automatically converted to the correct format.


There are options to control which information types are synchronized and how much data is synchronized.

ActiveSync can also:

- Copy (not synchronize) files between the device and computer.
- Add and remove programs on the device.
- Pass through the computer to a network or the Internet.

Synchronizing Data

Once synchronization set is complete, data can be synchronized between the device and the computer.

1. Connect the device to the computer.
2. On the device, tap  → **ActiveSync**.
3. Tap **Sync** to begin synchronization.

Office Mobile

Microsoft Office Mobile works with Microsoft Office on the computer to give easy access to copies of office documentation.

Tap  → **Office Mobile2010** and select a program.

- Excel Mobile2010
- OneNote Mobile2010
- PowerPoint Mobile2010


- SharePoint WorkSpace Mobile 2010
- Word Mobile2010



Creating an Office file

NOTE:

PowerPoint presentations on the device can not be created or edited.

1. Tap  → **Office Mobile** and select the program.
2. Enter the information.
3. After entering the information, tap **OK**. The file is automatically saved and named according to the first characters of text entered in the file.

Opening an Office file

Upon opening an Office Mobile program, a file list will appear. Tap a file to open it. Only one file may be opened at a time. If a second file is opened, the first file will be saved and closed automatically.

Internet Explorer


Internet Explorer can be used to view Web pages in the following ways:

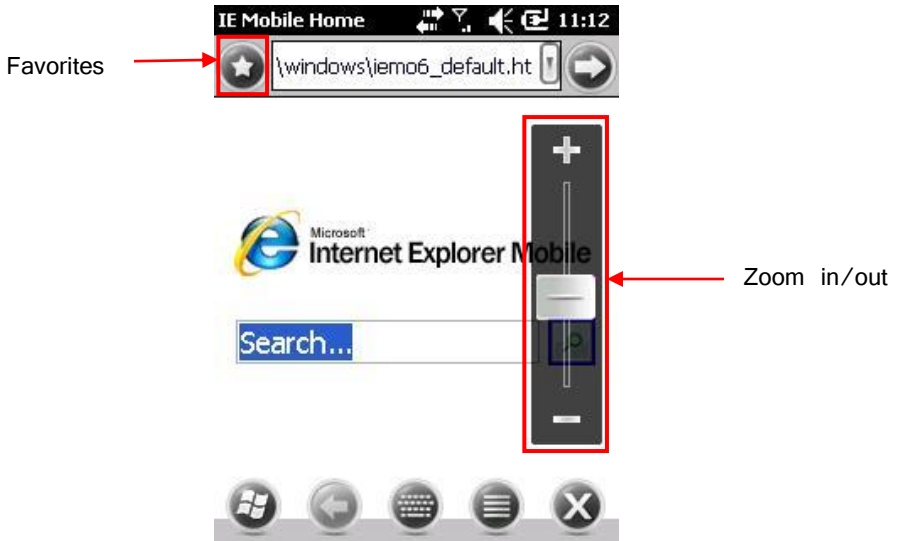
- Connect to an ISP or network and browse the Web. To do this, a connection must first be created.
- During synchronization with a computer, download links and mobile favorites that are stored in the Mobile Favorites subfolder in Internet Explorer on the computer.

While connected to an ISP or network, the device can download files and programs from the Internet or an intranet.


Tap  → **Internet Explorer**. The Internet Explorer Mobile home page appears.

Browsing the Internet

1. Tap  → **Internet Explorer**.
2. Tap the **Favorites** soft key to display the Favorites list.
3. Tap the desired page to view.



Note:

To visit web pages not included in Favorites, enter a web address in the address bar at the top of the screen and tap  or, tap the arrow to choose from a previously entered address.

Windows Live Messenger

Windows Live Messenger provides practically instant access to up-to-date MSN Hotmail Inbox, Messenger Contacts list, and options for customizing the Messenger experience. Features of Windows Live Messenger include:

- **MSN Hotmail**

Read, write and send e-mail. Delete e-mail and manage Hotmail folders.

- **MSN Messenger**


Send and receive instant messages. Check which contacts are online. Subscribe to status updates for selected contacts.

Synchronize the Windows Live contacts, Hotmail inbox and MSN Messenger to the device.

Windows Live requires an internet connection.

Windows live requires either an MSN Hotmail account, an MSN Messenger account, or a Windows Passport account.

Setting up Windows Live

1. Tap  → **Windows Live** to access the program.
2. Tap **Sign in to Windows Live**.
3. Tap **Accept**.
4. Follow the on-screen instructions to complete the setup.

Signing in to Messenger

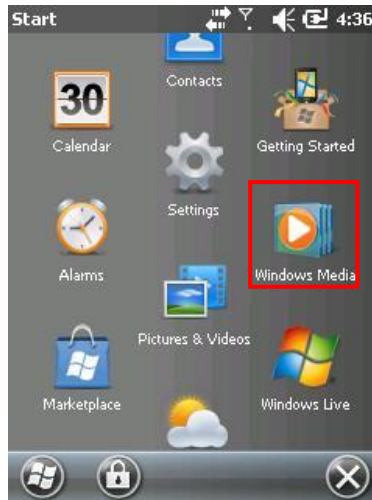
Before signing into Messenger, Windows Live must be signed into first.

1. Tap  → **Messenger** to access the program.
2. Tap **Sign in**.

Windows Media Player

Windows Media Player can be used to play digital audio or video stored on the device, on a network, or on a web site.

Tap  → **Windows Media**.





Supported formats are Windows Media or MP3 format (including files with the extensions .asf, .wma, .wmv and .mp3).

Microsoft Windows Media Player on a desktop computer can be used to copy digital audio and video files to the device.

Pictures & Videos

Features of Pictures & Videos include:

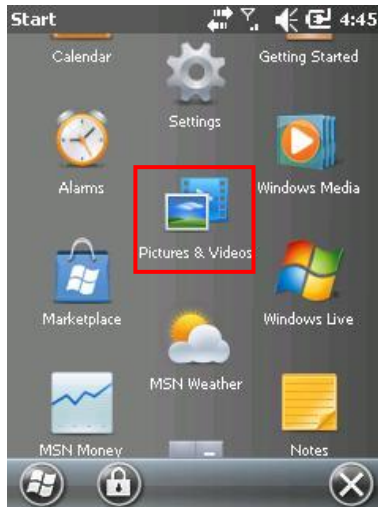
- Viewing pictures and video clips.
- Sending pictures and videos to others.
- Setting a picture as the background on the Home screen.
- Playing a slide show.
- Editing pictures.

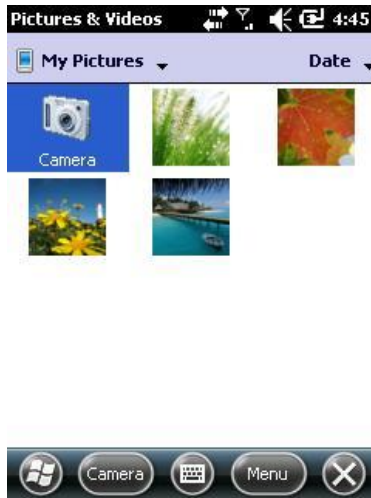
Viewing Pictures and Videos

1. To view pictures or video stored on a storage card.
2. Tap  → **Pictures & Videos**.

By default, the program displays thumbnails of the pictures and videos in the **My Pictures** folder, within the **My Documents** folder on the device.

3. Thumbnails of pictures and videos appear on the screen. Tap one of them to view in full screen.






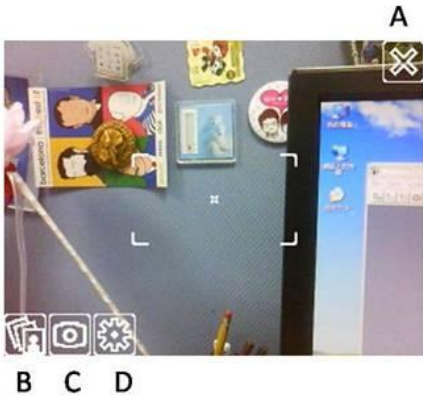
Camera (Select Models Only)

The Camera program can take photos and record video clips.

Taking Pictures

1. To start the program, press the camera button on the device or tap  → **Pictures & Videos → Camera**. The Camera screen will appear.
2. Aim the camera lens at the subject. Press the camera button halfway for automatic focusing. A white frame will appear. Wait until the color of the frame to turn green indicating that the subject is in focus.
3. Press the camera button fully to take the picture.
4. The taken picture will be displayed on the screen. Tap the screen or press camera button to go back to the camera screen.

5. If the picture is not chosen to be deleted after it was taken, the picture is saved to the pre-selected storage location.







- A: Exit
B: Photo album
C: Mode: Still/Capture
D: Settings

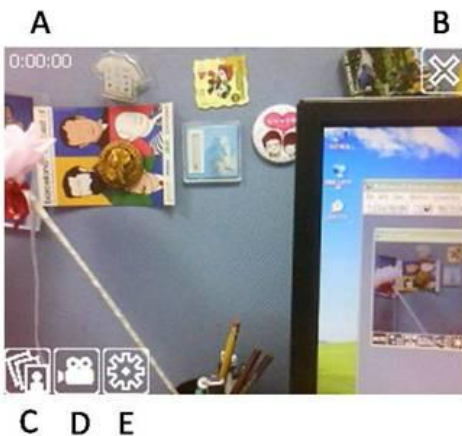


- A: Date stamp
B: GPS EXIF
C: Whitebalance: Auto/indoor/sunshine/cloudy
D: Brightness: -2/-1/0/1/2
E: Resolutions: 320x240, 1M, 2M, 3M
F: Flicker: 50/60Hz
G: Zoom: 1.0/1.2/1.4/1.6
H: Exposure: Day/night
I: Storage path: Main storage/SD-MMC
J: Quick view: enable/disable
K: Still quality: High/Medium

Recording Video Clips

1. To start the program, press the camera button or tap  → **Programs** → **Pictures & Videos** → **Camera**.

2. Tap the / at left corner of the screen to switch between camera and video modes.
3. For recording options and controls, tap .
4. Press the camera button to start recording.
5. To stop recording, press the camera button.
6. The video clip is saved to the pre-selected storage location. To view the video clip, tap **Thumbnails**.



- A: Capture time: limit to 1 hour
 B: Exit
 C: Photo album
 D: Mode: Still/capture
 E: Settings



- A: Whitebalance: Auto/indoor/sunshine/cloudy
 B: Brightness: -2/-1/0/1/2
 C: Resolutions: 320x240, 1M, 2M, 3M
 D: Flicker: 50/60Hz
 E: Zoom: 1.0/1.2/1.4/1.6
 F: Exposure: Day/night
 G: Storage path: Main storage/SD-MMC
 H: Capture quality: High/Medium


Remote Desktop Mobile

Remote Desktop allows the device to log onto a Windows Terminal Server and use the programs installed on the server.

NOTE:

Access to a remote computer requires that the computer have Terminal Services or Remote Desktop installed.

To connect to a remote computer:

1. Tap  → **Remote Desktop Mobile**.
2. Select the computer. Enter the user name, password, and domain.
3. Tap **Connect**.

Chapter 7

Getting Connected

This chapter describes the different types of connections the device can achieve.

Types of Connections

The device can connect to the Internet, a computer, and to other devices and services.

Using Cellular Connection (Select Models Only)

Models with mobile phone functions allow the device to access the Internet via the mobile phone service network.


Setting up a Cellular (GPRS) Connection

NOTE:

GPRS service requires a subscription with a mobile phone service network operator.

In most cases, the cellular (GPRS) connection will be preconfigured by the cellular service provider and does not need to be set up or changed.

If the GPRS connection requires manual set up, you must obtain the specific settings from the cellular service provider and do the following:


1. Tap  → **Settings** → **Connections** → **Connections**.
2. In either group, tap **Add a new modem connection**.
3. In the **Enter a name for the connection** field, enter a name for the connection.
4. In the **Select a modem** field, select **Cellular Line (GPRS)**, and then tap **Next**.
5. Enter the access point name provided by the cellular service provider, and tap **Next**.
6. Enter the username and password, and tap **Finish**.

Setting up a Dial-up Connection

NOTE:

Depending on the wireless service provider, dial-up connections may or may not be supported.

With dial-up, the service provider gives a phone number that connects the device to the Internet.


1. Tap  → **Settings** → **Connections** → **Connections**.
2. In either group, tap **Add a new modem connection**.
3. In the **Enter a name for the connection** field, enter a name for the connection.
4. In the **Select a modem** field, select **Cellular Line**, and then tap **Next**.
5. Enter the phone number provided by the service provider, and tap **Next**.
6. Enter the username and password, and tap **Finish**.

Using Wireless Network

The device has a built-in wireless network module. If the device is within a wireless LAN (WLAN) environment, it can connect to the network without any cables.

Switching On or Off the Wi-Fi Radio

By default, the Wi-Fi radio is turned off. To turn on or off the Wi-Fi radio:

1. Tap the Wi-Fi icon  on the Home screen to access Wireless Manager.
2. Tap the Wi-Fi box to change the Wi-Fi radio status from Off to Available.

When the Wi-Fi radio is on, the Wi-Fi radio status on the Home screen will be displayed as **Available**. To turn off the Wi-Fi radio, follow the above procedure, but tap the Wi-Fi box to change the Wi-Fi radio status from Available to Off. The Wi-Fi radio status on the Home screen will be displayed as Off.



Connecting to a Wireless Network

1. Turn on the Wi-Fi radio.
2. Tap Menu → Wi-Fi Settings to open the Wireless Networks Configuration screen. By default, the device will automatically detect available wireless networks.



3. If more than one network is detected, the screen will display a network list. Tap the desired network and follow the procedure to configure the wireless network.
4. If the selected network requires a network key, enter the key and tap **Next** → **Finish** on the screen.
5. End the Wi-Fi connection by switching off its radio.

NOTE:

- Search for a network to connect by tapping  → **Settings** → **Connections** → **Wi-Fi** → **Search for Networks**.
- Once connected to a network, a shortcut is created in Settings. To change the network settings, tap  → **Settings** → **Connections** → **Wi-Fi**. Tap the desired network and change the settings.
- Leaving the radio on will drain the battery power more quickly.

Using the Bluetooth Function

NOTE:

BAP do not guarantee that all Bluetooth headsets/devices from all manufactures are compatible with the device.

The device incorporates Bluetooth capability. Bluetooth technology is a short-range (approximately 10m or 30ft) wireless communications technology.

Bluetooth technology features the abilities to do the following:

- Beam information, such as files, tasks, contacts, etc, to other Bluetooth supported devices.
- Connect the device to a Bluetooth enabled phone to be used as a modem.
- Use a Bluetooth service. When the device is connected to another device or computer, the device can locate and use the services available on the other device or computer.


Switching On or Off the Bluetooth Radio

By default, the Bluetooth radio is turned off. To turn on Bluetooth, do the following:

1. Tap the Wireless Manager section on the Home screen.



2. Tap the Bluetooth box to change the Bluetooth radio status from Off to On.
3. For other devices with Bluetooth capabilities to detect the device and attempt to beam information to it, establish a connection, or use a Bluetooth service,

Tap  → **Setting** → **Bluetooth** → **Mode** → **Make this device visible to other devices**.



4. To turn off the Bluetooth radio, follow the above procedure, but tap the Bluetooth box to change the Bluetooth radio status from On or Visible to Off. The Bluetooth radio status on the Home screen will be displayed as Off.

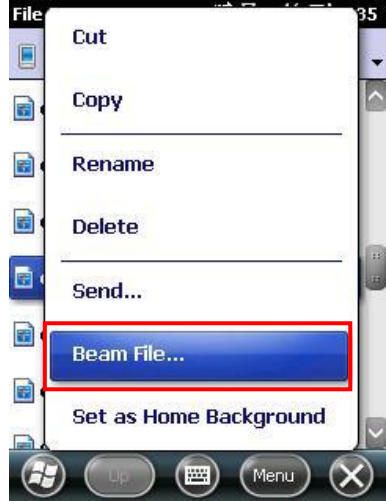
NOTE:

Leaving the radio on will drain the battery power more quickly.

Sending Files via the Bluetooth

1. Turn on the Bluetooth radio.
2. Make sure that the device and the device that is receiving the information are within close range and that device is discoverable.
3. From the program, tap and hold the desired item.

4. Tap **Beam File** in the shortcut menu.
5. The device will search for other devices with Bluetooth capabilities within close range, and will display them in the list. Tap the desired destination device.



Note:

Files are saved automatically before they are beamed. If a Word document or Excel workbook was created on a computer, unsupported content and formatting may be lost when the files are saved.

Receiving Files via Bluetooth


Make sure that **Make this device visible to other devices** in Bluetooth settings is selected.

Make sure that the device and the destination device are within close range and that device is discoverable.

When prompted to receive an incoming beam, tap **YES** to receive.

Creating a Bluetooth Partnership

A Bluetooth partnership is a connection that allows for secure information exchange via Bluetooth technology. When a partnership between two devices is created, the devices do not need to be discoverable for secure information exchange. A matching passkey is required on both devices to create a partnership. A Bluetooth partnership will work as long as the Bluetooth function is turned on.

1. Turn both devices, set them to discoverable, and place them in close range.
2. Tap  → **Settings** → **Bluetooth** → **Devices** → **Add new device**.
3. The device will search for other devices with Bluetooth capabilities and display them in the list.
4. Tap the name of the other device, and tap **Next**.
5. In **Passkey**, enter an alphanumeric passkey between 1 and 16 characters, and tap **Next**.
6. Enter the same passkey on the other device.
7. Tap **Done**.

Chapter 8

Troubleshooting and Maintenance

This chapter gives solutions to common device problems you may encounter. It also provides guidelines on taking care of your device.

Resetting Your Device

If the device stops responding, or appears to be “frozen,” or is “locked up,” the device may need resetting.



Restoring Factory Default State

The device can be restored back to its factory default state by clearing the memory from the device. Restoring the device back to its factory default state should be done in the following cases:

- When the device does not respond after being restarted.
- When the password is forgotten.

Clearing the memory deletes all data, files, system settings, and additional programs that were installed or synchronized.

Note:

Back up data on a computer, storage media, or another device before restoring factory default state. Regular back up of data ensures data integrity during emergency or accidental situations.

To clear the memory from the device, proceed with the following:


1. Turn off the system.
2. Press Left soft key (LSK), Right soft key (RSK) and Power button.
3. Release all the keys. A “Hive Clean” message should appear.
4. Press “YES”




Troubleshooting

NOTE:

If a problem occurs that cannot be solved, contact the dealer for assistance.

Problem	Solution
Power does not switch on when using battery power.	The remaining battery power may be too low to run the device. Charge the battery for 20 minutes before use.
Screen responds slowly.	Make sure that the device is not running out of battery power. If the problem still persists, restart the device.
Screen freezes.	Restart the device.
Cannot establish a connection with a computer via USB.	Make sure that the device and the computer are both switched on before trying to establish a connection.
	Make sure that the cable is securely plugged into the USB port on the computer and on the device. Connect the USB cable directly to the computer. Do not run the cable through a USB hub.
	In some specific cases, the device may experience connection problems when it is connected to a Windows computer running ActiveSync. To resolve the problems, please tap  → Settings → Connections → USB to PC , and then clear Enable advanced network functionality .

Problem	Solution
A warning message of not enough memory appears.	Delete unneeded files.
	Remove unneeded programs.
	Delete all files and clear history in Internet Explorer.
	Stop programs that are not being currently used. To check the state of active programs, tap  → Settings → System → Task Manager . To stop the program by tapping End Task .
	Restart the device.
	Move the data/file to the storage card using file explorer.
	Move Email attachments to storage card.

Caring for Your Device

Proper maintenance of the device will ensure trouble-free operation and reduce the risk of damage to the device.

- Keep the device away from excessive moisture and extreme temperatures.
- Avoid exposing the device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of the device or drop objects on the device.
- Do not drop the device or subject it to severe shock.
- Do not expose the device to sudden and severe temperature changes. This could

cause moisture condensation inside the unit, which could damage the device.

In the event of moisture condensation, allow the device to dry out completely before next use.

- The screen surface can easily be scratched. Avoid touching it with sharp objects.
Non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels may be used to help protect the screen from minor scratches.
- Never clean the device with it powered on. Use a soft, lint-free cloth to wipe the screen and the exterior of the device.
- Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to the device.
Disassembly, modification or any attempt at repair could cause damage to the device and may even cause bodily or property damage. Disassembly or modification of the device voids the warranty of the device.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as the device, its parts, or its accessories.

Safety Precautions

- Prolonged listening of music at maximum volume can damage the ears.
- The use of headphones other than those recommended/supplied can cause hearing impairment due to excessive sound pressure.

About Charging

- Use only the AC adapter supplied with your device. Use of another type of AC adapter will result in malfunction and/or danger.
- Use only the car charger supplied by the manufacturer. Use of another type of car charger will result in malfunction and/or danger.
- Use a specified cradle approved by the manufacturer.
- Use a specified battery.

About the Charger

- Do not use the charger in a high moisture environment. Never touch the charger with wet hands, feet, or any other body part.
- Allow adequate ventilation around the charger when using it to operate the device or charge the battery. Do not cover the charger with paper or other objects that will reduce cooling. Do not use the charger while it is inside a carrying case. Connect the charger to a proper power source.

- If damaged, replace the charger with a manufacturer's approved charger. Once damaged, the charger cannot be repaired.

About the Battery

- Use a specified charger approved by the manufacturer.
- Do not place the batter in fire. The battery can burst or explode, releasing hazardous chemicals.
- Important instructions

Caution:

- Dispose or recycle used batteries according to the instructions.
- Only use a replacement battery recommended by the manufacturer.
- The battery should only be used in the specified device.

Notices

This device complies with Part 15 of the FCC Rules. Operation of this equipment is subject to the following two conditions:

1. The device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

However, in some circumstances that interference might occur. If the equipment does cause harmful interference to radio or television reception which can be determined

by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

While there may be differences between the SAR levels of various devices and at various positions, they all meet the government requirement. The FCC has granted an Equipment Authorization for this device with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines. SAR information on this device is on file with the FCC and can be found under the Display Grant section of <http://www.fcc.gov/oet/fccid> after searching on FCC ID: **ZK7SSERIES**.

Use in portable RF exposure conditions is limited to the specific product and antenna configuration evaluated in the filing. For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory that contains no metal. The antenna used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures. End-users must be provided with transmitter operating conditions for satisfying RF exposure compliance.